

[Name of Document]	PATENT APPLICATION
[Reference Number]	A000303681
[Filing Date]	September 26, 2003
[To]	Commissioner, Patent Office
[International Patent Classification]	H01M 10/34
[Inventor]	
[Address or Residence]	1 Komukaitoshiba-cho, Saiwai-ku, Kawasaki-shi, Kanagawa c/o Corporate Research & Development Center of KABUSHIKI KAISHA TOSHIBA
[Name]	Shinsuke Matsuno
[Inventor]	
[Address or Residence]	1 Komukaitoshiba-cho, Saiwai-ku, Kawasaki-shi, Kanagawa c/o Corporate Research & Development Center of KABUSHIKI KAISHA TOSHIBA
[Name]	Tatsuoki Kohnno
[Inventor]	
[Address or Residence]	1 Komukaitoshiba-cho, Saiwai-ku, Kawasaki-shi, Kanagawa c/o Yokohama Complex of KABUSHIKI KAISHA TOSHIBA

[Name]	Takao Sawa
[Inventor]	
[Address or Residence]	1 Komukaitoshiba-cho, Saiwai-ku, Kawasaki-shi, Kanagawa c/o Corporate Research & Development Center of KABUSHIKI KAISHA TOSHIBA
[Name]	Norio Takami
[Applicant for Patent]	
[Identification Number]	000003078
[Name]	KABUSHIKI KAISHA TOSHIBA
[Agent]	
[Identification Number]	100058479
[Patent Attorney]	
[Name]	Takehiko Suzuye
[Phone Number]	03-3502-3181
[Appointed Agent]	
[Identification Number]	100091351
[Patent Attorney]	
[Name]	Akira Kohno

[Appointed Agent]		
[Identification Number]	100088683	
[Patent Attorney]		
[Name]	Makoto Nakamura	
[Appointed Agent]		
[Identification Number]	100108855	
[Patent Attorney]		
[Name]	Masatoshi Kurata	
[Appointed Agent]		
[Identification Number]	100084618	
[Patent Attorney]		
[Name]	Sadao Muramatsu	
[Appointed Agent]		
[Identification Number]	100092196	
[Patent Attorney]		
[Name]	Yoshiro Hashimoto	
[Priority Based on Prior Application]		
[Application Number]	Patent Application No. 2003-113190	

[Filing Date] April 17, 2003
[Indication of Official Fee]

[Prepayment Register
Number] 011567

[Amount of Payment] ¥21,000.-

[List of Items Submitted]

[Name of Item]	What is claimed is	1
[Name of Item]	Specification	1
[Name of Item]	Drawing	1
[Name of Item]	Abstract	1

[Number of General Power of Attorney] 9705037